

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE J		PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. 0001		3. EFFECTIVE DATE 09-Feb-2004		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE NAVSUR WARCEN, DAHLGREN DIVISION ATTN: XDS11H 17320 DAHLGREN ROAD DAHLGREN VA 22448-5100		7. ADMINISTERED BY (If other than item 6) CODE See Item 6					
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)				<input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO. N00178-04-R-1022			
				<input checked="" type="checkbox"/> 9B. DATED (SEE ITEM 11) 06-Feb-2004			
				10A. MOD. OF CONTRACT/ORDER NO.			
				10B. DATED (SEE ITEM 13)			
CODE		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D. OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this amendment is to include the part numbers within the solicitation for the CS-5027/70730-06 Display Digitizer and the CS-5020C70395-57 Microwave Receiver.							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				TEL: _____ EMAIL: _____			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)				BY _____ (Signature of Contracting Officer)			

EXCEPTION TO SF 30
APPROVED BY OIRM 11-84

30-105-04

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION B - SUPPLIES OR SERVICES AND PRICES

CLIN 0002

The CLIN description has changed from CS-5027/70730 Display Digitizer to CS-5027/70730-06 Display Digitizer.

SECTION C - DESCRIPTIONS AND SPECIFICATIONS

The following have been modified:

SPECIFICATIONS**Specifications****Introduction**

The CS-5020C/70395-57 Microwave Receiver and the CS-5027/70730-06 Display Digitizer are the main RF front-end components of the Office of Naval Intelligence Foreign Operations ELINT system. There are three existing Foreign Ops systems utilizing the CS-5020C/70395-57 Microwave Receiver and the CS-5027/70730-06 Display Digitizer. The procurement of these two units is for a fourth system.

Product Description

There are two separate products.

Item 1

Communication Solutions Model CS-5020C/70395-57 Microwave Receiver with options 1b, 6a, 6b, 7d, 10b, and 11a.

The CS-5020C/70395-57 Microwave Receiver is a high-performance, super-heterodyne, set-on and sweep receiver that converts signals in the frequency range of 0.5-18 GHz into IF outputs of 1.0 GHz (standard) and optional 70, 140, and 160 MHz (selectable) outputs.

Option 1b - Adds an IF output with a selectable frequency/BW of 70/50, 140/85, and 160/85 MHz.

Option 6a - Adds a pre-detected IF at 70, 140, or 160 MHz, with manual (MGC) or automatic (AGC) gain control.

Option 6b - Adds AM Video/Audio Demodulation to Option 6a. Video output has level control.

Option 7d - Adds up to seven IF filters at the 70MHz center frequency, plus the FM and LOG demodulation. Filters and demodulators are packaged in a single, replaceable module. Provides FM & LOG video outputs, plus a level-controlled FM audio output. Filtering and demodulation at 160 MHz.

Option 10b - CS-5027 Display/Digitizer Interface that allows the unit to be connected to a CS-5027 Display/Digitizer to obtain swept and set-on spectral displays with markers and many other functions to help the operator identify signals.

Option 11a - ELINT operation for $F_c \geq 0.5$ GHz IF Gaussian filter replaces Chebyshev filter.

Item 2

Communication Solutions Model CS-5027/70730-06 Display Digitizer with options 1a and 2.

The CS-5027/70730-06 Display Digitizer is an IF display digitizer used as a spectral presentation instrument for the CS-5020C Microwave Receiver. It provides SDU (Panoramic) displays.

Option 1a - 70/140/160 MHz selectable IF inputs (4 maximum)

Option 2 - Allows two CS-5020C/70395-57 to be interfaced to the CS-5027/70730-06 for simultaneous swept or set-on displays.

(End of Summary of Changes)